

CLAIM AMENDMENTS WITH MARKINGS TO SHOW CHANGES

Amend the claims as follows:

1. (Amended) An underground facility having a dehumidification system comprising:
 - an outer wall;
 - an [inside] interior wall [departing] spaced from [a] said outer wall of the underground facility, said interior wall defining an interior space of said facility [towards an inside area with a distance];
 - a buffering space formed between [the] said outer wall and the [inside] interior wall, wherein said [so that the inside] interior wall divides [the] said buffering space [and a room] from said interior space of the underground facility and;
 - [a] ventilation means [by] which air circulates [can be circulated] between the [room] interior space and the buffering space.
2. (Amended) The underground facility according to the claim 1, wherein [the inside] said interior wall comprises a heat insulating material.

A

3. (Amended) The underground facility according to the claim 1, wherein the surface of [the inside] said interior wall facing [to the] said buffering space comprises a waterproof material.

4. (Amended) The underground facility according to the claim 1, wherein the ventilation means [comprising] comprises:

a lower ventilation window at [the] a lower position [of the inside] on said interior wall;

an upper ventilation window at [the] an upper position [of the inside] on said interior wall and;

a ventilation fan exhausting [the] inflow air from [the room] said interior space into the buffering space through the lower ventilation window and back to [the room] said interior space through the upper ventilation window.

5. (Amended) The underground facility according to the claim 4 further comprising [a heat area] heating means wherein [the exhausted] air exhausted from the buffering space is heated [up similar to the temperature of the room] before flowing into [the room] said interior space of the underground facility.

A

6. (Amended) The underground facility according to the claim 1 further comprising a condensation inductor [installed] in the buffering space.

7. (Amended) The underground facility according to the claim 6, wherein the condensation inductor [comprises at least one from] is formed of a material selected from the group consisting of steel, stainless steel, aluminum, [and] copper and mixtures thereof.

8. (Amended) The underground facility according to the claim 6, wherein the condensation inductor [has a shape as maximum surface area as possible and as not hindering the flow of the air circulation as possible such as] is comprised of a waved sheet, chain, or honey comb type panel.

9. (Amended) The underground facility according to the claim 6, wherein the condensation inductor [include] includes a concrete surface having a ridge and furrow shape.

A

10. (Amended) The underground facility according to the claim 1 further comprising [a heat area] heating means connected to the ventilation means wherein [the being dry] air dried in the buffer space is heated [up] to the temperature of the [room] interior space of the underground facility.

11. (Amended) The underground facility according to the claim 10 further comprising a thermal collector [from the sun or an outer atmosphere] and [a] heat transfer means transferring the heat collected from said thermal collector to [the heat area] said heating means.

12. (Amended) A method for dehumidification of air in [the] an interior space of an underground facility comprising the steps of:

providing a buffering space between an outer wall of said underground facility and an interior wall spaced from said outer wall, said interior wall defining an interior space of said underground facility [dividing the inside space of the underground facility into two part by constructing a inside wall near the wall so that one space formed between the inside wall and the wall is buffering space and the outer space is a room space of the underground facility];

A

causing air to flow from said interior space [flowing the air of the room space] into the buffer space having the lower temperature than [the room] said interior space so that [the] moisture in [the inflow] said air is eliminated by condensation;

exhausting [the being dry] said air in the buffer space back into [the room] said interior space of the underground facility upon moisture being eliminated therefrom.

13. (Amended) The method for dehumidification according to the claim 12, further comprising [steps of heating the being dry air before the step of exhausting the being dry air in the buffer space] heating said air once moisture is eliminated therefrom prior to being exhausted into said interior space.

A